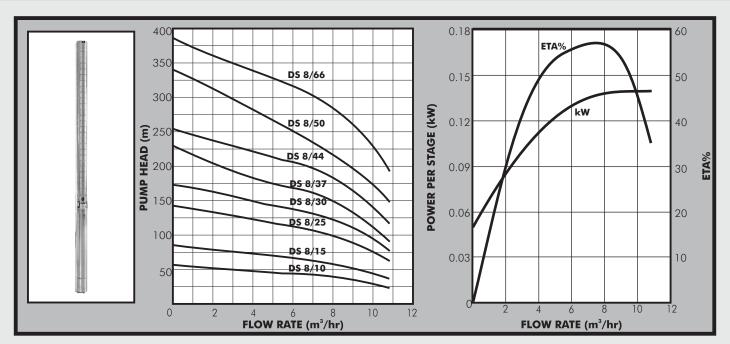




Multistage Centrifugal Borehole Pumps



PUMP

DAYLIFF DS submersible pumps are designed for a wide range of uses with a particular application to borehole supply. They are of multistage centrifugal impeller design and all parts are made from premium AISI304 stainless steel with water lubricated rubber bearings. A submersible motor is fitted beneath the pump and suction is effected through a strainer between the pump and motor.

MOTOR

The pump is coupled to a sealed liquid cooled 2-pole asynchronous squirrel-cage motor constructed of stainless steel. Single phase motors should be supplied with purpose designed Dayliff SCM control boxes for operation and protection against overload, dry running and over/under voltage. Three phase motors require a remote DOL starter; A DAYLIFF SCT electronic Pump Controller is recommended for comprehensive pump control including low level, motor overload and irregular power supply protection.

Enclosure Class: IP68 Insulation Class: F Speed: 2900 rpm

OPERATING CONDITION

Pumped Liquid: Thin, clean chemically non-aggressive liquids without solid particles or fibres.

Max. Liquid Temperature: DS wet end-50°C Max. Water Depth: 300m-6", 200m-4"

Min. Borehole Diameter: 110mm-4", 150mm-6"

PUMP DATA

Model	Motor Dia	Motor		Full Load Current (A)		Start Current (A)		Dimensions (mm)						
								Α		В			Weight (kg)	
		kW	НР	1X240V	3X415V	1X240V	3X415V	1X240V	3X415V	1X240V	3X415V	С	1X240V	3X415V
DS 8/10	4"	1.5	2.0	10.4	4.0	35	20	1015	970	393	348	622	20	27
DS 8/15		2.2	3.0	15	5.6	45	22	1245	1225	413	393	832	23	34
DS 8/25		4.0	5.5		9.5		49		1866		614	1252		64
DS 8/30		5.5	7.5		13.7		59.6		2160		698	1462		68
DS 8/37					14		70		2437		684	1753		74
DS 8/44		7.5	10		18.9		96		2848		778	2070		84
DS 8/50					16.5		67.5		3067		764	2303		88
DS 8/66	6"	11	15		24.2		60.7		4130		730	3400		120

